Index of Claims

| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 10/602,586 | KWITKOWSKI ET AL. |
| Examiner | Art Unit |

Lynda M. Salvatore

1771

| √ | Rejected | - | (Through numeral) Cancelled | N | | |
|---|----------|---|--------------------------------|---|--|--|
| = | Allowed | ÷ | Restricted | ı | | |

| N | Non-Elected | Α | Appeal |
|---|--------------|---|----------|
| _ | Interference | 0 | Objected |

| Cla | aim | | | Dat | е | - | | Cla | im_ | | | | Date | | | | :[| Cla | aim | | | | D | ate | 1 | | | |
|----------|---------------|--|--|---------|--|-----------------|---------|--------|----------|-------------------|--------------------|----------|---------------------|--------------|--|-------|----------|-------|----------|---------|---|---|--|--------------|----------|--------------|-------------------------|-----|
| | _ | | | | П | | | | <u> </u> | | T | | П | T | | | | _ | al | | T | | | | | | T | |
| Final | Original | 6/23/05 | | | | | | Final | Original | | | | | | | | | Final | Original | | | | | - 1 | - 1 | | | - 1 |
| 定 | 뜻 | 22 | | | 1 1 | | | ᇤ | 臣 | | | 1 | | - 1 | | | | 造 | rig | | | | | - 1 | - 1 | | | - 1 |
| | ١٠ | ľ | | | | | | | ٦ | | | 1 | 1 | - | | | | | ٥ | | | | | - 1 | - 1 | | | - 1 |
| | 1 | V | | | П | | | | 51 | | | | | | П | | ijŢ | | 101 | | \neg | | П | ╛ | | T | \exists | |
| | 2 | | | | | TT | | | 52 | П | $\neg \neg$ | | | | \Box | | ľ | | 102 | | Т | | Т | П | П | | \neg | |
| | 3 | | | | | | | | 53 | | | | | | | | - | | 103 | | T | T | | \neg | | | \neg | |
| | 4 | Π | П | | | | | | 54 | \Box | Т | | | | | | ľ | | 104 | | П | | Т | П | \neg | | \neg | |
| | 5 | | | | | | | | 55 | | | | | | | | i:[| | 105 | | П | П | | | \neg | | \exists | |
| | 6 | | | | | | | | 56 | | | | | | | | ::[| | 106 | | \Box | | | | | | \Box | |
| | 7 | | | | | | | | 57 | | | | | | | | ::[| | 107 | | | | | | | | \Box | |
| | 8 | Y . | | | | | | | 58 | | | | | | | | | | 108 | | | | | | | | | |
| | سور | N | | | | | | | 59 | | | | | | | | | | 109 | | | | | | \Box | | \Box | |
| Ĺ | 10 | | | | | | | | 60 | | | | | | | | | | 110 | | | | | | | | | |
| | 11 | \coprod | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | | | | _ ::::: | | 61 | | L | | \Box | | ot | | | | 111 | \Box | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$ | | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$ | I | | \Box | $oldsymbol{\mathbb{J}}$ | |
| | 12 | V | oxdot | | $\perp \perp$ | | | | 62 | $_{ m I}$ | \perp | | | | $oxed{\Box}$ | | [| | 112 | \Box | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | | J | \Box | \Box | J | |
| | 13 | | \perp I | | | | | | 63 | | \perp | | \Box | | | | [| | 113 | | \Box | | | | | | \Box | |
| | 14 | | $oldsymbol{ol}}}}}}}}}}}}}}}}$ | | | | | | 64 | | \perp | | Ш | | | | [| | 114 | | \Box | | \Box | | \Box | $oxed{oxed}$ | \Box | |
| | 15 | | | | | $\perp \Box$ | _ | | 65 | \bot | Ţ | \Box | Ш | \perp | | | | | 115 | | \perp | | \Box | Ι | | | \Box | |
| | 16 | | | | \Box | | | | 66 | | | | | | | | | | 116 | | \Box | \Box | $oldsymbol{\mathbb{I}}$ | \Box | | | \Box | |
| | 17 | | \Box | | \Box | | | | 67 | $\Box \mathbb{I}$ | $oldsymbol{\perp}$ | | | $oxed{\Box}$ | | | [| | 117 | | $oldsymbol{ol}}}}}}}}}}}}}}}$ | $oxed{J}$ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$ | J | \Box | | | |
| | 18 | | | | | | | | 68 | | | | | | | | :[| | 118 | | | | | | | | | |
| | 19 | | | | | | | | 69 | | | | | | | | <u> </u> | | 119 | | | | | | | | \Box | |
| | 20 | | | | | | | | 70 | | | | | | | | ΞĽ | | 120 | | | | | | | | \Box | |
| | 21 | | | | | | | | 71 | | | | | | | | E | | 121 | | | | | | | | \Box | |
| | 22 | | | | | | | | 72 | | | | | | | | ii[| | 122 | | | | | \Box | | | | |
| | 23 | | | | | | | | 73 | | | | | | | | | | 123 | | | | | | | | | |
| | 24 | | | | | | | | 74 | | | | | | | | #[| | 124 | | | | | | | | | |
| | 25 | $oxed{oldsymbol{ol}}}}}}}}}}}}}}}}}$ | | | | | | | 75 | | | | | | | | ii L | | 125 | | | | | | | | | |
| | 26 | | $\perp \perp$ | | Ш. | Ш | :::: | | 76 | | | | | | | | | | 126 | | | | | | | | | |
| | 27 | $\sqcup \bot$ | $\perp \perp$ | \perp | | | _ | | 77 | | ┸ | | | \perp | | | L | | 127 | | \perp | | | | | | | |
| | 28 | | \perp | | | | _ | | 78 | | | | | | | | L | | 128 | | | | | | | | \Box | |
| <u></u> | 29 | | \sqcup | | | $\perp \perp$ | | | 79 | | | | | | | | äL | | 129 | | \perp | | | | | \perp | | |
| | 30 | | \sqcup | | | | ::::: | | 80 | | | | | | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | | ii [| | 130 | | | | | | | | | |
| L | 31 | | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | | | | | | 81 | | | | | | $\perp \Box$ | _]::: | | | 131 | | $oldsymbol{ol}}}}}}}}}}}}}}}$ | $oxed{oxed}$ | \Box | $oxed{\int}$ | \Box | | \Box | |
| | 32 | \sqcup | $\bot \bot$ | | | $\perp \perp$ | _ | | 82 | _ | \bot | Ш | Ц | \perp | $\perp \perp$ | Щ!!! | L | | 132 | | \perp | | | \prod | | | | |
| | 33 | oxdot | \sqcup | \bot | | $\bot \bot$ | _ | | 83 | \perp | 1 | | Ш | \perp | $\perp \perp$ | Щ::: | L | | 133 | | | \perp | [| | | [| | |
| | 34 | \vdash | \sqcup | \bot | 1-1- | 11 | _ | | 84 | | \perp | Ш | Ц | | \perp | _ | L | | 134 | \perp | \perp | | _ _ | \perp | _[| | _ | |
| L | 35 | | $\downarrow \downarrow$ | | $\sqcup \bot$ | $\bot \bot$ | _ | | 85 | \perp | 1 | Ш | \sqcup | \bot | $\perp \downarrow$ | | : | | 135 | \perp | \dashv | \perp | _ | _ | \dashv | | \dashv | |
| <u> </u> | 36 | $\vdash \vdash$ | \perp | | $\perp \perp$ | $\bot \bot$ | 4 | | 86 | | 4 | Ш | \sqcup | | $\bot \downarrow$ | Щ::: | ļ | | 136 | \perp | \perp | | \perp | \perp | \dashv | \dashv | \dashv | |
| <u> </u> | 37 | $\vdash \vdash$ | 1 1 | \bot | $\vdash \vdash$ | $\perp \perp$ | _ | | 87 | \perp | \bot | \sqcup | \sqcup | | $\bot \downarrow$ | _ | L | | 137 | | \downarrow | _ _ | _ļ. | _ | _ | \dashv | \dashv | |
| <u> </u> | 38 | \vdash | $\downarrow \downarrow$ | | $\vdash \vdash$ | $\bot \bot$ | _ | | 88 | | 1 | \sqcup | \sqcup | | $\downarrow \downarrow$ | _ | Ļ | | 138 | | _ | 4 | _ | 4 | _ | | \dashv | _ |
| | 39 | | ↓ ↓ | \perp | ├ | + | _ | | 89 | \dashv | +- | \sqcup | \sqcup | \perp | + | _ | ļ | | 139 | 4 | 4 | 4 | 4 | 4 | | 4 | 4 | _ |
| | 40 | | ┼ -┼ | | $\vdash \vdash$ | 44 | _ | | 90 | _ | 1- | \sqcup | \sqcup | _ | + | | :: | | 140 | _ | 4 | \bot | 4 | _ | _ | _ | _ | _ |
| <u> </u> | 41 | | + | - - | ├ -├- | + | | | 91 | . | | Ш | \sqcup | \perp | - | | ij. | | 141 | \perp | 4 | \bot | 4 | 4 | _ | \dashv | _ | _ |
| <u> </u> | 42 | $\vdash \dotplus$ | + | _ _ | $\vdash \vdash$ | 44 | _ | | 92 | _ _ | \perp | \sqcup | \sqcup | + | \bot | _ | ļ | | 142 | _ | _ | \dashv | 4 | _ | | \dashv | 4 | _ |
| | 43 | $\vdash \vdash$ | + | | $\vdash \bot$ | + | _ | | 93 | _ | 4- | Н | \sqcup | 4 | | | 1 | | 143 | _ | 4 | _ | -+ | 4 | _ | \dashv | _ | _ |
| <u> </u> | 44 | $\vdash \vdash$ | ++ | + | $\vdash \downarrow$ | + | - | | 94 | \perp | 4- | Н | \dashv | _ | +- | | ŀ | | 144 | _ | 4 | \perp | + | 4 | _ | - | \dashv | _ |
| <u> </u> | 45 | $\vdash \vdash$ | 1-1 | | $\vdash \vdash$ | + | - :::: | | 95 | \dashv | 4 | \vdash | \vdash | _ | - | | 1 | | 145 | _ | \perp | \downarrow | 4 | 4 | _ | _ | 4 | |
| | 46 | $\vdash \vdash$ | 1-1 | + | $\vdash \vdash$ | $+\!\!+\!\!\!+$ | -4888 | \Box | 96 | _ | 1 | \vdash | \sqcup | + | \dashv | _ | 1 | | 146 | _ | \dashv | \dashv | _ | 4 | 4 | \perp | _ | _ |
| <u> </u> | 47 | $\vdash \vdash$ | ↓ ↓ | - | $\vdash \vdash$ | + | - | | 97 | | 4 | \vdash | $\vdash \downarrow$ | + | + | _ | 1 | | 147 | _ | \perp | _ | \dashv | 4 | _ | _ | 4 | _ |
| <u> </u> | 48 | $\vdash \vdash$ | ╀ | + | \vdash | + | - | | 98 | \dashv | ╁- | \vdash | \dashv | + | + | _ | 1 | | 148 | _ | \perp | | 4 | _ | _ | _ | _ | _ |
| | 49 | $\vdash \vdash$ | 1-1 | | \vdash | + | - | | 99 | + | + | \vdash | $\vdash \downarrow$ | +- | +- | _ | :: | | 149 | _ | 4 | 4 | 4 | 4 | | \dashv | 4 | |
| | 50 | | $\perp \perp$ | | | | J::::: | | 100 | | | | | | لــــــــــــــــــــــــــــــــــــــ | :: | ijL | | 150 | | İ | | | | 1 | | \Box | |